

### **Abstract of the Disclosure**

A method for controlling a computer entity to participate in a peer to peer network of a plurality of computer entities comprises, for each computer entity,  
5 operating a peer to peer protocol for enabling the computer entity to utilise resources of at least one other computer entity of the network, and for enabling at least one other computer entity of the network to utilise resources of the computer entity. Whenever the resources of a computer entity are not being used by a service application at a higher level layer than the peer to peer protocol, that  
10 computer entity is arranged to operate a process for managing at least one other computer entity in the network.